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Supplementary material A. Young HIMMS men-who-have-sex-with-men questionnaire

Demographic Information

1. What is your post code: _____
2. What age are you: _____
3. Are you:
☐ Male (including trans)
☐ Female (including trans)
☐ Other (Non-Binary, Gender Neutral etc. Please specify): _____
4. Do you identify as the following:
☐ Gay Man
☐ Bisexual
☐ Man who has sex with men
☐ Heterosexual
☐ Unsure/Other (Please specify): _____
5. Have you ever in the past had sex with another man or do you plan to in the future?
☐ Yes
☐ No
☐ Unsure

IF YOU ANSWER 'NO' TO THE ABOVE QUESTION YOU DO NOT NEED TO COMPLETE ANY FURTHER QUESTIONS.

6. Present cigarette smoking status
☐ Non Smoker
☐ Smoker
☐ Former
7. To which ethnic group do you consider yourself to belong to?
☐ Bangladeshi
☐ Black African
☐ Black Caribbean
☐ Central European
☐ Eastern European
☐ Indian
☐ Pakistani
☐ Chinese
☐ White
☐ Mixed ethnicity
☐ Other (please specify) _____
8. What is your current relationship status?
☐ Single

- ☐ Married
- ☐ Divorced
- ☐ Civil Partnership
- ☐ Dissolved partnership
- ☐ Co-habiting
- ☐ Separated
- ☐ In a relationship

9. Occupation/profession:

- ☐ Presently working full time
- ☐ Presently working part time
- ☐ Unemployed
- ☐ Student
- ☐ Training/apprentice

10. Indicate ALL people who live with you:

- ☐ No-one; I live alone
- ☐ Spouse/partner
- ☐ Parents
- ☐ Siblings
- ☐ Lives with others (not partner)
- ☐ Other (please specify) _____

11. What is your religious preference?

- | | |
|---|---|
| <input type="checkbox"/> Non-religious | |
| <input type="checkbox"/> Baptist | <input type="checkbox"/> Church of England |
| <input type="checkbox"/> Brethren | <input type="checkbox"/> Church of Scotland |
| <input type="checkbox"/> Buddhist | <input type="checkbox"/> Free Presbyterian |
| <input type="checkbox"/> Catholic | <input type="checkbox"/> Hindu |
| <input type="checkbox"/> Church of Ireland | <input type="checkbox"/> Jewish |
| <input type="checkbox"/> Methodist | <input type="checkbox"/> Muslim |
| <input type="checkbox"/> Presbyterian | <input type="checkbox"/> Protestant |
| <input type="checkbox"/> Sikh | |
| <input type="checkbox"/> Other (please specify) _____ | |

Sexual Contact

12. Are you sexually active [for example sexual intercourse, oral sex, mutual masturbation]
- ☐ Yes
 - ☐ No

IF YOU ANSWERED 'YES' TO QUESTION 12, PLEASE ANSWER QUESTIONS 13 – 18. IF YOU ANSWERED 'NO' PLEASE SKIP TO QUESTION 19.

13. How many male sexual partners have you had in the past 12 months: _____

14. What type of intercourse have you had in the past 12 months:

- ☐ Anal intercourse only
- ☐ Oral intercourse only
- ☐ Both oral and anal intercourse

15. In the past 12 months have you used condoms (including oral sex):

- ☐ Always
- ☐ Sometimes
- ☐ Never
- ☐ Rather not say

16. Do you access sexual health services?

- ☐ Yes
- ☐ No

If 'No', can you give a reason as to why you don't? _____

If 'Yes', which setting do you use for sexual health?

- ☐ GUM
- ☐ GP
- ☐ LGBT service provider
- ☐ non-LGBT service provider
- ☐ HIV Clinic
- ☐ Other (please specify): _____

17. Have you ever been diagnosed with a sexually transmitted infection (STI)?

- ☐ Yes
- ☐ No
- ☐ Rather not say

If yes, please provide details: _____

18. Have you ever been diagnosed/treated for genital warts?

- ☐ Yes
- ☐ No
- ☐ Rather not say

19. Have you been diagnosed with HIV

- ☐ Yes

- ☐ No
- ☐ Rather not say

20. Where is the first contact you usually have with people you have sex with?

- ☐ Bars/Clubs
 - ☐ Saunas
 - ☐ Websites used for sexual encounters e.g. Grindr, Gaydar, Scruff
 - ☐ Facebook/Twitter
 - ☐ Dating websites
 - ☐ Through friends
 - ☐ Other (please specify)
-

Culture

21. Is your doctor aware of your sexual orientation?

- ☐ Yes
- ☐ No
- ☐ Not sure

22. Would you tell a health care professional that you have sex with other men or are interested in having sex with other men in order to receive a HPV vaccination?

- ☐ Yes
- ☐ No
- ☐ Not sure

23. If yes, what age would you feel comfortable disclosing you had sex with men in order to receive the HPV vaccine? _____

24. Have you talked to your doctor or other health care professional about HPV vaccination?

- ☐ Yes
- ☐ No
- ☐ Rather not say

If yes, please provide details

25. Has a health care professional ever recommended the HPV vaccine to you?

- ☐ Yes
- ☐ No
- ☐ Not sure

If yes, please provide details

26. If you were interested in receiving the HPV vaccine, where would you feel most comfortable receiving it?

- ☐ GUM
 - ☐ GP surgery
 - ☐ LGBT service provider
 - ☐ non-LGBT service provider
 - ☐ HIV Clinic
 - ☐ Other (please specify)
-

27. The government is considering offering the HPV vaccine to men who have sex with men at Gum/HIV Clinics/GP surgeries. What are your views on this?

HPV and HPV VACCINE KNOWLEDGE

Have you heard about the human papillomavirus vaccine before today?

YES ☐

NO ☐

IF YOU HAVE ANSWERED 'NO' YOU DO NOT NEED TO COMPLETE ANY FURTHER QUESTIONS IN THIS SURVEY

IF 'YES' PLEASE READ THE FOLLOWING STATEMENT AND TICK THE APPROPRIATE RESPONSE FOR YOU:

The JCVI has recommended men who have sex with men aged up to 45 years receive the HPV vaccine.

Which of the following best describes your thoughts on the HPV vaccine for **men-who-have-sex-with-men**?

- | | |
|--|--------------------------|
| I have never thought about vaccination against HPV | <input type="checkbox"/> |
| I am undecided about vaccination against HPV | <input type="checkbox"/> |
| I have decided and do not want to vaccinate myself against HPV | <input type="checkbox"/> |
| I have decided to do want to vaccinate myself against HPV | <input type="checkbox"/> |
| I have already been vaccinated against HPV | <input type="checkbox"/> |

Can you time how long it takes you to complete this next section of the survey?

Please answer the following questions to the best of your ability:
--

	True	False	Don't know
1. HPV is very rare			
2. HPV always has visible signs or symptoms			
3. HPV can be transmitted through genital skin-to-skin contact			
4. There are many types of HPV			
5. HPV can cause HIV/AIDS			
6. HPV can cause genital warts			
7. Men cannot get HPV			
8. Using condoms reduces the chances of HPV transmission			
9. HPV can be cured with antibiotics			
10. Having many sexual partners increases the risk of getting HPV			
11. HPV usually doesn't need any treatment			
12. Most sexually active people will get HPV at some point in their lives			
13. Having sex at an early age increases the risk of getting HPV			
14. HPV can cause cancer in men			
15. HPV is a bacterial infection			
16. HPV can be transmitted through oral sex			
17. HPV can cause herpes			
18. HPV can be transmitted through anal sex			
19. HPV infections always lead to health problems			
20. A person with no symptoms cannot transmit the HPV infection			
21. The HPV vaccines offer protection against all sexually transmitted infections			
22. The HPV vaccines are most effective if given to people who've never had sex			

23. <i>One of the HPV vaccines offers protection against genital warts</i>			
24. <i>The HPV vaccine protects you from every type of HPV</i>			
25. <i>You can cure HPV by getting the HPV vaccine</i>			

Time for completion (in minutes): _____

HPV AND HPV VACCINE ATTITUDE

Can you time how long it takes you to complete this next section of the survey?

For each statement, please indicate how much you disagree or agree by selecting the appropriate number :							
	<i>Strongly Disagree 1</i>	<i>Disagree 2</i>	<i>Somewhat Disagree 3</i>	<i>Neutral 4</i>	<i>Somewhat Agree 5</i>	<i>Agree 6</i>	<i>Strongly Agree 7</i>
1. <i>I feel that the HPV vaccine will protect my sexual health.</i>							
2. <i>I feel that the HPV vaccine is effective in preventing HPV.</i>							
3. <i>I feel that the HPV vaccine is effective in preventing genital warts.</i>							
4. <i>I feel that the HPV vaccine is effective in preventing HPV-related cancers.</i>							
5. <i>I feel that vaccinating against HPV would protect my current/future partner from getting infected with HPV.</i>							
6. <i>I feel that it would be serious if I contracted HPV.</i>							
7. <i>I feel that it would be serious if I contracted genital warts.</i>							
8. <i>I feel that it would be serious if I contracted an HPV-related cancer.</i>							
9. <i>I feel that doctors/health care providers believe vaccinating men-who-have-sex-with-men against HPV is a good idea.</i>							
10. <i>I feel that the government believes I should vaccinate myself against HPV.</i>							
11. <i>The opinion of doctors/health care providers about getting the HPV vaccine matters to me.</i>							
12. <i>I trust the government's opinion concerning the HPV vaccine for men-who-have-sex-with-men.</i>							
13. <i>I trust scientific evidence</i>							

<i>concerning the HPV vaccine.</i>							
<i>14. I have heard that the HPV vaccine is unsafe.</i>							
<i>15. I feel that the HPV vaccine might cause short term side-effects like pain or discomfort.</i>							
<i>16. I feel that the HPV vaccine is being pushed to make money for pharmaceutical companies.</i>							
<i>17. I feel that getting the HPV vaccine would be like performing an experiment on me.</i>							
<i>18. I feel that the HPV vaccine would encourage me to have sex with more partners.</i>							
<i>19. I feel that vaccinating for HPV would mean that I would not have to use safe sex practices.</i>							
<i>20. I feel that the HPV vaccine may lead to long-term health problems.</i>							
<i>21. I feel that the HPV vaccine may affect my fertility.</i>							
<i>22. I feel that getting the HPV vaccine would take too much effort.</i>							
<i>23. I feel that it is hard to find a clinic that would be easy to access for getting the HPV vaccine.</i>							
<i>24. I feel that I do not have enough information about the HPV vaccine.</i>							
<i>25. I feel that there has not been enough research done on the HPV vaccine.</i>							
<i>26. I feel that I am uncomfortable discussing my sexual health with a doctor/health care provider.</i>							
<i>27. I feel that I am uncomfortable talking about the HPV vaccine.</i>							
<i>28. I feel that the process of actually getting the HPV vaccine would be easy.</i>							

29. <i>I feel that the HPV vaccine requires too many doses.</i>							
30. <i>I feel that vaccines are a good way to protect public health.</i>							
31. <i>I do not like the idea of vaccines.</i>							
32. <i>I feel that doctors give out too many vaccines.</i>							
33. <i>I feel that 16 is too young to receive the HPV vaccine.</i>							

Time for completion (in minutes): _____